

Element Performance Inspection (EPI) Data Collection Tool
5.1.8 Extended Range Operations with Two-Engine Airplanes (ETOPS) (AW)

ELEMENT SUMMARY INFORMATION

Purpose of This Element (Certificate Holder's responsibility):

- To ensure continuous safe and reliable operations in accordance with the Certificate Holder's Extended Range Operations with Two-Engine Airplanes (ETOPS) authorization.

Objective (FAA oversight responsibility):

- To determine if there were any changes in the personnel identified by the Certificate Holder as having responsibility and/or authority for the Extended Range Operations with Two-Engine Airplanes (ETOPS) program.
- To determine if the Certificate Holder follows its procedures, controls, process measurements and interfaces for the Extended Range Operations with Two-Engine Airplanes (ETOPS) program.

Specific Instructions:

- To accomplish this EPI the inspector shall verify the Certificate Holder follows its policies and procedures for ETOPS program. The inspector shall verify that only trained and qualified personnel perform maintenance on ETOPS aircraft. The inspector shall verify technical data being used for ETOPS is current. The inspector shall verify the Certificate Holder reports all system failures/abnormalities with the ETOPS system to the FAA/Certificate Holding District Office.

Related EPI(s):

- All of 4.4 Aircraft Airworthiness (AW)
- 1.1.1 Aircraft Airworthiness (AW)
- 1.1.2 Appropriate Operational Equipment (AW)
- 1.2.1 Airworthiness Release / Logbook Entry (AW)
- 1.2.2 Major Repairs and Alterations Records (AW)
- 1.2.3 Maintenance Log / Recording Requirements (AW)
- 1.2.4 MIS Reports (AW)
- 1.2.6 Aircraft Listing (AW)
- 1.3.1 Maintenance Program (AW)
- 1.3.10 Parts / Material Control / SUP (AW)
- 1.3.11 Continuous Analysis and Surveillance (CAS) (AW)
- 1.3.14 General Maintenance Manual / Equivalent (AW)
- 1.3.15 Reliability Program (AW)
- 1.3.19 Lower Landing Minimums (LLM) (AW)
- 1.3.2 Inspection Program (AW)

- 1.3.20 Engine Condition Monitoring (AW)
- 1.3.21 Parts Pooling (AW)
- 1.3.22 Parts Borrowing (AW)
- 1.3.23 Short-Term Escalations (AW)
- 1.3.3 Maintenance Facility / Main Maintenance Base (AW)
- 1.3.4 Required Inspection Items (RII) (AW)
- 1.3.5 MEL / CDL / Deferred Maintenance (AW)
- 1.3.6 AD Management (AW)
- 1.3.7 Outsource Organization (AW)
- 1.3.8 Control of Calibrated Tools and Test Equipment (AW)
- 1.3.9 Engineering / Major Repairs and Alterations (AW)
- 2.1.1 Manual Currency (AW)
- 2.1.2 Content Consistency Across Manuals (AW)
- 2.1.3 Distribution (Manuals) (AW)
- 2.1.4 Availability (Manuals) (AW)
- 4.1.1 RII Personnel (AW)
- 4.2.1 Maintenance Training Program (AW)
- 4.2.2 RII Training Requirements (AW)
- 5.1.1 Line Stations (AW)
- 5.1.9 RVSM Authorization (AW)

SUPPLEMENTAL INFORMATION

Specific Regulatory Requirement(s) (SRRs):

- SRRs:
 - 119.33(a)(3)
 - 119.43(b)
 - 119.43(b)(1)
 - 119.43(b)(2)
 - 119.43(c)
 - 121.135(a)(1)
 - 121.135(b)(1)
 - 121.135(b)(2)
 - 121.135(b)(3)

Related CFR(s) & FAA Policy/Guidance:

- Related CFRs:
 - 121.135(b)(19)
 - 121.367
- FAA Policy/Guidance:
 - FAA Order 8300.10, Volume 2, Chapter 82
 - FAA Order 8300.10, Volume 3, Chapter 43
 - Advisory Circular 120-42A
 - HBAW 00-15A
 - ETOPS Policy Letter EPL 20-1

EPI SECTION 1 – PERFORMANCE OBSERVABLES

Objective: (FAA oversight responsibility): To determine if the Certificate Holder follows its procedures, controls, process measures and interfaces for the Extended Range Operations with Two–Engine Airplanes (ETOPS).

Tasks

To meet this objective, the inspector must accomplish the following tasks:

- 1 Review the information listed in the Supplemental Information section of this data collection tool.
- 2 Review the policies, procedures, instructions and information for the Extended Range Operations with Two–Engine Airplanes (ETOPS) program contained in the Certificate Holder's manual.
- 3 Review the associated SAI for this element with emphasis on the controls, program measurements and interface attribute sections.
- 4 Observe the Extended Range Operations with Two–Engine Airplanes (ETOPS) program to gain an understanding of the procedures, instructions and information contained in the Certificate Holder's manual.
- 5 Discuss the Extended Range Operations with Two–Engine Airplanes (ETOPS) program with the personnel (other than management) who perform the duties and responsibilities required by the program.

Questions

To meet this objective, the inspector must answer the following questions:

1. Were the following Performance Measures met:

1.1 Did the Certificate Holder comply with conditions and limitations of its approved operations specifications D086?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.2 Were ETOPS maintenance personnel trained and qualified for the specific Certificate Holder's procedures?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.3 Was the maintenance accomplished in accordance with the Certificate Holder's approved ETOPS maintenance program?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.4 Was the FAA Certificate Holding District Office (CHDO) notified of any system failures or abnormalities?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.5 Were audits performed on the ETOPS program? <i>Related Performance JTI's:</i> <ol style="list-style-type: none"> 1. Check at the Air Carrier Specified Location that the ETOPS Continuing Analysis and Surveillance program was in accordance with the Certificate Holder's design. <i>Sources:</i> 8300.10; Volume 2 Chapter 82; Section 2; Paragraph 5B(7); & 8300.10; Volume 3 Chapter 43; Section 1; Paragraph 5C(2) 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.6 Were the ETOPS aircraft configured and maintained in accordance with the manufacturer's type design and configuration standards for aircraft operating in an ETOPS environment? <i>Related Performance JTI's:</i> <ol style="list-style-type: none"> 1. Check at the Air Carrier Specified Location that the airplane met all requirements for configuration, maintenance, and procedures (CMP) for extended–range operations in accordance with the Certificate Holder's design. 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

- Sources:* 121.367; 121.135(b)(19); D.086(d)
2. Check at the Air Carrier Operated Maintenance Facility that the airplane met all requirements for configuration, maintenance, and procedures (CMP) for extended-range operations in accordance with the Certificate Holder's design.
Sources: 121.135(b)(19); 121.367; D.086(d)
 3. Check at the Outsource Provider that the airplane meets all requirements for configuration, maintenance, and procedures (CMP) for extended-range operations in accordance with the Certificate Holder's design.
Sources: 121.135(b)(19); 121.367; D.086(d)
 4. Check at the Aircraft that an ETOPS service check was accomplished in accordance with the Certificate Holder's design.
Sources: Advisory Circular; 120-42a; Appendix 4; Paragraph 1a(2)(iii)
Dated:12/30/88
 5. Check at the Air Carrier Operated Maintenance Facility Specified Location that an ETOPS service check was accomplished in accordance with the Certificate Holder's design.
Sources: Advisory Circular; 120-42a; Appendix 4; Paragraph 1a(2)(iii)
Dated:12/30/88
 6. Check at the Outsource Provider that an ETOPS service check was accomplished in accordance with the Certificate Holder's design.
Sources: Advisory Circular; 120-42a; Appendix 4; Paragraph 1a(2)(iii)
Dated:12/30/88; & Advisory Circular; 120-42a; Appendix 4; Paragraph 1a(2)(NOTE) Dated:12/30/88
 7. Check at the Air Carrier Specified Location that an ETOPS service check was accomplished in accordance with the Certificate Holder's design.
Sources: Advisory Circular 120-42a; Appendix 4; Paragraph 1a(2)(iii)
Dated:12/30/88; & Advisory Circular 120-42a; Appendix 4; Paragraph 1a(2)(NOTE) Dated:12/30/88
 8. Check at the Records Repository that an ETOPS service check was accomplished in accordance with the Certificate Holder's design.
Sources: Advisory Circular 120-42a; Appendix 4; Paragraph 1a(2)(iii)
Dated:12/30/88; & Advisory Circular 120-42a; Appendix 4; Paragraph 1a(2)(NOTE) Dated:12/30/88
 9. Check at the Aircraft that the airplane met all requirements for configuration, maintenance, and procedures (CMP) for extended-range operations in accordance with the Certificate Holder's design.
Sources: 121.135(b)(19); 121.367; D.086(d)
 10. Check at the Records Repository that the airplane met all requirements for configuration, maintenance, and procedures (CMP) for extended-range operations in accordance with the Certificate Holder's design.
Sources: 121.135(b)(19); 121.367; D.086(d)
 11. Check at the FAA Location then at the Air Carrier Specified Location that the Verification Program lists the primary systems in accordance with the Certificate Holder's design.
Sources: 8300.10; Volume 2 Chapter 82; Section 2; Paragraph 5B(1)

<p>2. Were the Certificate Holder's policies, procedures, instructions and information, contained in its manual, for the Extended Range Operations with Two-Engine Airplanes (ETOPS) program followed?</p> <p><i>Related Performance JTI's:</i></p> <ol style="list-style-type: none"> 1. Check at the Air Carrier Specified Location that personnel assessed the propulsion and airframe systems reliability within the extended-range fleet in accordance with the Certificate Holder's design. <i>Sources:</i> 121.135(a)(1); 121.135(b)(1); D.086(b); D.086(c) 2. Check at the Records Repository that the ETOPS verification flight including the preflight briefings and flight crew observations and/or actions were performed in accordance with the Certificate Holder's design. <i>Sources:</i> 8300.10 Volume 2 Chapter 82 Section 1; Paragraph 5B(2)(b) 3. Check at the Records Repository that verification program actions were initiated for the conditions that require verification flights in accordance with the Certificate Holder's design. <i>Sources:</i> 8300.10; Volume 2 Chapter 82; Section 2; Paragraph 5B(1) 4. Check at the Maintenance Operational Control that verification program actions were initiated for the conditions that require verification flights in accordance with the Certificate Holder's design. <i>Sources:</i> 8300.10; Volume 2 Chapter 82; Section 2; Paragraph 5B(1); & 8300.10 ; Volume 2; Chapter 82 Section 1; Paragraph 5B(2)(b) 5. Check at the Dispatch Center that verification program actions were initiated for the conditions that require verification flights in accordance with the Certificate Holder's design. <i>Sources:</i> 8300.10; Volume 2 Chapter 82; Section 2; Paragraph 5B(1); & 8300.10 ; Volume 2; Chapter 82 Section 1; Paragraph 5B(2)(b) 6. Check at the FAA Location then at the Records Repository that the APU in-flight start validation program, was conducted in accordance with the Certificate Holder's design. <i>Sources:</i> 8300.10 Volume 2 Chapter 82 Section 1; Paragraph 5B(2)(e); ; & 8300.10; Volume 2 Chapter 82; Section 2; Paragraph 5B(8) 7. Check at the Aircraft cockpit that the APU in-flight start validation program, was conducted in accordance with the Certificate Holder's design. <i>Sources:</i> 8300.10 Volume 2 Chapter 82 Section 1; Paragraph 5B(2)(e); ; & 8300.10; Volume 2 Chapter 82; Section 2; Paragraph 5B(8) 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
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8. Check at the Air Carrier Specified Location that the Certificate Holder's ETOPS reliability program assessed engine condition monitoring in accordance with the Certificate Holder's design.
Sources: 8300.10; Volume 2 Chapter 82; Section 2 Paragraph 5B(2)
9. Check at the Air Carrier Specified Location that personnel assess the propulsion and airframe systems reliability within the extended-range fleet in accordance with the Certificate Holder's design.
Sources: 121.135(a)(1); 121.135(b)(1); D.086(b); D.086(c)
10. Check at the Records Repository that the ETOPS parts control was in accordance with the Certificate Holder's design.
Sources: 8300.10, Volume 2, Chapter 82, Section 2; Paragraph 5B(5)
11. Check at the Air Carrier Specified Location that the ETOPS parts control was in accordance with the Certificate Holder's design.
Sources: 8300.10, Volume 2, Chapter 82, Section 2; Paragraph 5B(5)
12. Check at the Outsource Provider that the ETOPS parts control was in accordance with the Certificate Holder's design.
Sources: 8300.10, Volume 2, Chapter 82, Section 2; Paragraph 5B(5)
13. Check at the Air Carrier Specified Location that the ETOPS airframe-engine combinations are being continuously maintained and operated at appropriate levels of reliability in accordance with the Certificate Holder's design.
Sources: Advisory Circular ; 120-42a; Paragraph; 7 f (1); Dated:12/30/88
14. Check at the Air Carrier Operated Maintenance Facility Location that the ETOPS airframe-engine combinations are being continuously maintained and operated at appropriate levels of reliability in accordance with the Certificate Holder's design.
Sources: Advisory Circular ; 120-42a; Paragraph; 7 f (1); Dated:12/30/88
15. Check at the FAA Location then at the Air Carrier Specified Location that the CMP standards for continued ETOPS operations is in accordance with the Certificate Holder's design.
Sources: Advisory Circular ; 120-42a; Paragraph 7f(4) Dated:12/30/88; & Advisory Circular ; 120-42a; Paragraph 10c(5); Dated:12/30/88
16. Check at the FAA Location then at the Air Carrier Specified Location that the Certificate Holder ETOPS reliability program assessed the actions to correct the deficiencies in accordance with the Certificate Holder's design.

- Sources:* Advisory Circular; 120–42a; Appendix 1;
Paragraph 3b Dated:12/30/88; & 8300.10; Volume 2
Chapter 82; Section 2; Paragraph 5B(1)
17. For airplanes used in 75–, 120–, and 180–minute ETOPS
Check at the Aircraft that the ETOPS maintenance program
supported the intended operations in accordance with the
Certificate Holder's design.
Sources: Advisory Circular; 120–42a; Appendix 4;
Paragraph 1; Dated:12/30/88; & Advisory Circular;
120–42a; Appendix 4; Paragraph 1a(2) Dated:12/30/88
18. For airplanes used in 75–, 120–, and 180–minute ETOPS
Check at the Air Carrier Operated Maintenance Facility that
the ETOPS maintenance program supported the intended
operations in accordance with the Certificate Holder's
design.
Sources: Advisory Circular; 120–42a; Appendix 4;
Paragraph 1; Dated:12/30/88; & Advisory Circular;
120–42a; Appendix 4; Paragraph 1a(2) Dated:12/30/88
19. For airplanes used in 75–, 120–, and 180–minute ETOPS
Check at the Outsource Provider that the ETOPS
maintenance program supported the intended operations in
accordance with the Certificate Holder's design.
Sources: Advisory Circular; 120–42a; Appendix 4;
Paragraph 1; Dated:12/30/88; & Advisory Circular;
120–42a; Appendix 4; Paragraph 1a(2) Dated:12/30/88
20. For airplanes used in 75–, 120–, and 180–minute ETOPS
Check at the Air Carrier Specified Location that the ETOPS
maintenance program supported the intended operations in
accordance with the Certificate Holder's design.
Sources: Advisory Circular; 120–42a; Appendix 4;
Paragraph 1; Dated:12/30/88; & Advisory Circular;
120–42a; Appendix 4; Paragraph 1a(2) Dated:12/30/88
21. For airplanes used in 75–, 120–, and 180–minute ETOPS
Check at the Records Repository that the ETOPS
maintenance program supported the intended operations in
accordance with the Certificate Holder's design.
Sources: Advisory Circular; 120–42a; Appendix 4;
Paragraph 1; Dated:12/30/88; & Advisory Circular;
120–42a; Appendix 4; Paragraph 1a(2) Dated:12/30/88
22. Check at the Air Carrier Specified Location that
maintenance personnel involved in ETOPS have the
knowledge, skills and ability in accordance with the
Certificate Holder's design.
Sources: Advisory Circular; 120–42a; Appendix 4;
Paragraph 1; Dated:12/30/88
23. Check at the Training Center that maintenance personnel
involved in ETOPS have the knowledge, skills and ability in
accordance with the Certificate Holder's design.
Sources: Advisory Circular; 120–42a; Appendix 4;
Paragraph 1; Dated:12/30/88

24. Check at the Aircraft that ETOPS related tasks were identified on the operator's routine work forms and related instructions in accordance with the Certificate Holder's design.
Sources: Advisory Circular; 120-42a; Appendix 4; Paragraph 1a(2)(i) Dated:12/30/88
25. Check at the Air Carrier Specified Location that ETOPS related tasks were identified on the operator's routine work forms and related instructions in accordance with the Certificate Holder's design.
Sources: Advisory Circular 120-42a; Appendix 4; Paragraph 1a(2)(i) Dated:12/30/88
26. Check at the Air Carrier Operated Maintenance Facility that ETOPS related tasks were identified on the operator's routine work forms and related instructions in accordance with the Certificate Holder's design.
Sources: Advisory Circular; 120-42a; Appendix 4; Paragraph 1a(2)(i) Dated:12/30/88
27. Check at the Outsource Provider that ETOPS related tasks were identified on the operator's routine work forms and related instructions in accordance with the Certificate Holder's design.
Sources: Advisory Circular 120-42a; Appendix 4; Paragraph 1a(2)(i) Dated:12/30/88
28. Check at the Maintenance Operational Control (MOC) that the MOC is involved with ETOPS Maintenance procedures in accordance with the Certificate Holder's design.
Sources: Advisory Circular; 120-42a; Appendix 4; Dated:12/30/88; Paragraph 1a(2)(ii)
29. Check at the Air Carrier Specified Location that the Certificate Holder's ETOPS Maintenance personnel were trained in accordance with the Certificate Holder's design.
Sources: Advisory Circular 120-42a; Appendix 4; Paragraph 1a(9) Dated:12/30/88; & ETOPS Policy; Letter EPL 20-1 Effective date: March 21, 2000
30. Check at the Aircraft that parts placed on ETOPS airplanes maintained the necessary ETOPS configuration for that airplane in accordance with the Certificate Holder's design.
Sources: Advisory Circular 120-42a Appendix 4 Paragraph 1a(10) Dated:12/30/88 & HBAW 00-15A Amended Date: 09-22-00
31. Check at the Air Carrier Operated Maintenance Facility that parts placed on ETOPS airplanes maintained the necessary ETOPS configuration for that airplane in accordance with the Certificate Holder's design.
Sources: Advisory Circular ; 120-42a; Appendix 4 Paragraph 1a(10) Dated:12/30/88; & HBAW 00-15A Amended Date: 09-22-00
32. Check at the Outsource Provider that parts placed on ETOPS airplanes maintained the necessary ETOPS

<p>configuration for that airplane in accordance with the Certificate Holder's design. <i>Sources:</i> Advisory Circular ; 120–42a; Appendix 4 Paragraph 1a(10) Dated:12/30/88; & HBAW 00–15A Amended Date: 09–22–00</p> <p>33. Check at the FAA Location then at the Records Repository that the recording requirements for 207–minute ETOPS operations were in accordance with the Certificate Holder's design. <i>Sources:</i> ETOPS Policy; Letter EPL 20–1 Effective date: March 21, 2000</p> <p>34. Check at the FAA Location then at the Records Repository that the Certificate Holder's two–engine airplanes were not operated on an extended range flight unless authorized by operations specifications approval (both maintenance and operations). <i>Sources:</i> Advisory Circular 120–42a Paragraph 10g(1) Dated: 12/30/88</p> <p>35. Check at the Aircraft cockpit that the ETOPS verification flight including the preflight briefings and flight crew observations and/or actions were performed in accordance with the Certificate Holder's design. <i>Sources:</i> 8300.10 Volume 2 Chapter 82 Section 1; Paragraph 5B(2)(b)</p>	
<p>3. Were the Extended Range Operations with Two–Engine Airplanes (ETOPS) program controls followed?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain</p>
<p>4. Did the records for the Extended Range Operations with Two–Engine Airplanes (ETOPS) program comply with the instructions provided in the Certificate Holder's manual?</p> <p><i>Related Performance JTI's:</i></p> <p>1. Check at the Records Repository that ETOPS related tasks were identified on the operator's routine work forms and related instructions in accordance with the Certificate Holder's design. <i>Sources:</i> Advisory Circular 120–42a; Appendix 4; Paragraph 1a(2)(i) Dated:12/30/88</p> <p>2. Check at the Records Repository that parts placed on ETOPS airplanes maintained the necessary ETOPS configuration for that airplane in accordance with the Certificate Holder's design. <i>Sources:</i> Advisory Circular 120–42a; Appendix 4 Paragraph 1a(10) Dated:12/30/88; & HBAW 00–15A Amended Date: 09–22–00</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain</p>
<p>5. Were the process measurements for the Extended Range Operations with Two–Engine Airplanes (ETOPS) program effective in identifying problems or potential problems and providing corrective action for them?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain</p>
<p>6. Did personnel properly handle the associated interfaces by complying with other written policies, procedures, instructions and information that are</p>	<p><input type="checkbox"/> Yes</p>

related to this element?	<input type="checkbox"/> No, Explain
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EPI SECTION 1 – PERFORMANCE OBSERVABLES –Drop Down Menu	
1. Personnel.	
2. Tools and Equipment.	
3. Technical Data.	
4. Procedures, policies or instructions or information.	
5. Materials.	
6. Facilities.	
7. Controls.	
8. Process Measures.	
9. Interfaces.	
10. Desired Outcome.	
11. Other.	

EPI SECTION 2 – MANAGEMENT RESPONSIBILITY & AUTHORITY OBSERVABLES

Objective: To determine if the person identified by the Certificate Holder having responsibility and/or authority for the Extended Range Operations with Two–Engine Airplanes (ETOPS) is qualified, knowledgeable, and recognizes that responsibility and/or authority. (The person with the authority may or may not be the person with the responsibility.)

Tasks

To meet this objective, the inspector must accomplish the following tasks:

1 Identify the person who has overall responsibility for the Extended Range Operations with Two–Engine Airplanes (ETOPS) program.

2 Identify the person who has overall authority for the ETOPS program.

NOTE: If no personnel or major program changes (as defined by the Principal Inspector) affecting the responsibility or authority attributes for this element have occurred since the last SAI and/or EPI was accomplished, then do not perform tasks 3 – 6. Answer questions 2.1 & 2.2, and provide the name/title.

3 Review the duties and responsibilities for the person(s) who manage the ETOPS program documented in the Certificate Holder's manual.

4 Review the appropriate organizational chart.

5 Discuss the Extended Range Operations with Two–Engine Airplanes (ETOPS) with management personnel identified in Tasks 1 and 2.

6 Evaluate the qualifications and work experience of the management personnel identified in Tasks 1 and 2.

Questions

To meet this objective, the inspector will answer the following questions:

2. Are the following aspects of the Management Responsibility and Authority Attributes addressed for the ETOPS program:

2.1 Is there a clearly identified person who is responsible for the quality of the ETOPS program?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain Name/Title: <input type="text"/>
2.2 Is there a clearly identified person who has authority to establish and modify the Certificate Holder's policies, procedures, instructions and information for the ETOPS program?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain Name/Title: <input type="text"/>
2.3 Does the responsible person know that he/she has responsibility for the ETOPS program?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
2.4 Does the person with authority know that he/she has authority for the ETOPS program?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
2.5 Does the person with responsibility for the ETOPS program meet the qualification standards?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable

2.6 Does the person with authority to establish and modify the ETOPS program meet the qualification standards?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
2.7 Does the person with responsibility understand the controls, process measurements, and interfaces associated with the ETOPS program?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
2.8 Does the person with authority understand the controls, process measurements, and interfaces associated with the ETOPS program?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
2.9 Does the responsible person know who has authority to establish and modify the ETOPS program?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
2.10 Does the individual with authority know who has the responsibility for the ETOPS program?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable

EPI SECTION 2 – MANAGEMENT RESPONSIBILITY & AUTHORITY OBSERVABLES –Drop Down Menu	
1. Assignment of responsibility.	
2. Assignment of authority.	
3. Does not understand procedures, policies or instructions and information.	
4. Does not understand controls.	
5. Does not understand process measurements.	
6. Does not understand interfaces.	
7. Span of control.	
8. Position vacant.	
9. Other.	